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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Alexander Gaiger et al.  
Application No. : 09/276,484  
Filed : March 25, 1999  
For : COMPOSITIONS AND METHODS FOR WT1 SPECIFIC  
IMMUNOTHERAPY  
Examiner : Ronald B. Schwadron  
Art Unit : 1644  
Docket No. : 210121.465C1  
Date : July 9, 2003

Mail Stop CPA  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449 (copies of the cited references, as required under 37 C.F.R. § 1.98, are enclosed). As to any reference supplied, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Applicants note that reference AI (JP 11-89596) is written in Japanese. Accordingly, the Examiners attention is respectfully directed to references GH-GL, which present English abstracts and the relevant nucleotide sequences.

Applicants note that reference AJ (JP 11-89599) is written in Japanese. Accordingly, the Examiners attention is respectfully directed to references GM, GN and HC-HG, which present English abstracts and the relevant nucleotide sequences.

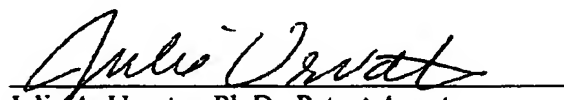
Applicants note that reference AK (WO 96/38176) is written in Japanese. Accordingly, the Examiners attention is respectfully directed to references CL-CN, DC-DL, which present English abstracts and the relevant nucleotide sequences.

Applicants note that reference AL (WO 99/03506) is written in Japanese. Accordingly, the Examiners attention is respectfully directed to references FC-FN, GC-GG, which present English abstracts and the relevant nucleotide sequences.

Applicants note that reference AL (WO 00/06602) is written in Japanese. Accordingly, the Examiners attention is respectfully directed to references HH-HN, IC, which present English abstracts and the relevant nucleotide sequences.

Please acknowledge receipt of this Third Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,  
Seed Intellectual Property Law Group PLLC

  
Julie A. Urvater, Ph.D., Patent Agent  
Registration No. 50,461

JAU:ljt

Enclosures:

Form PTO-1449 (9 Sheets)

Cited References (105)

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FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

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(Use several sheets if necessary)

JUL 09 2003

APPLICANTS

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FILING DATE

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GROUP ART UNIT

1644

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	5,633,142	05/27/97	Herlyn et al.	435	7.23	
AB	5,670,317	09/23/97	Ladanyi et al.	435	6	
AC	5,726,288	03/10/98	Call et al.	530	350	
AD	6,034,235	03/07/00	Sugiyama et al.	536	24.5	
AE	6,277,832	08/21/01	Sugiyama et al.	514	44	
AF	6,316,599 B1	11/13/01	Call et al.	530	387.7	

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AG	EP 1004319 A1	05/31/00	EPO		
	AH	EP 1103564 A1	05/30/01	EPO		
	AI	JP 11-89596 A	04/06/99	Japan		X
	AJ	JP 11-89599 A	04/06/99	Japan		X
	AK	WO 96/38176	12/05/96	WIPO		X
	AL	WO 99/03506	01/28/99	WIPO		X
	AM	WO 00/06602	02/10/00	WIPO		X
	AN	WO 01/60970	08/23/01	WIPO		
	AO	WO 01/94629	12/13/01	WIPO		
	AP	WO 02/00677	01/03/02	WIPO		

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

	AQ	GenBank Database, Accession No. A39692, February 16, 1997.
	AR	GenBank Database, Accession No. AAA36810, June 15, 1990.
	AS	GenBank Database, Accession No. AAA62825, October 27, 1994.

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BA						

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
BB					

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

BC	GenBank Database, Accession No. AAB33427, May 12, 1995.
BD	GenBank Database, Accession No. AAB33443, July 11, 1995.
BE	GenBank Database, Accession No. AAC60039, November 8, 1996.
BF	GenBank Database, Accession No. BAA94794, April 21, 2000.
BG	GenBank Database, Accession No. CAA35956, May 29, 1991.
BH	GenBank Database, Accession No. CAA43819, December 3, 1993.
BI	GenBank Database, Accession No. CAA59736, February 13, 1996.
BJ	GenBank Database, Accession No. I51960, November 5, 1999.
BK	GenBank Database, Accession No. M30393, June 15, 1990.
BL	GenBank Database, Accession No. NM_000378, November 5, 2000.
BM	GenBank Database, Accession No. NM_024424, March 20, 2001.
BN	GenBank Database, Accession No. NM_024426, March 20, 2001.

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CA						

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
CB					

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

CC	GenBank Database, Accession No. NP_000369, November 5, 2000.
CD	GenBank Database, Accession No. NP_077742, March 20, 2001.
CE	GenBank Database, Accession No. NP_077743, March 20, 2001.
CF	GenBank Database, Accession No. NP_077744, March 20, 2001.
CG	GenBank Database, Accession No. NP_113722, April 6, 2003.
CH	GenBank Database, Accession No. O62651, November 1, 1998.
CI	GenBank Database, Accession No. P50902, October 1, 1996.
CJ	GenBank Database, Accession No. S75264, July 11, 1995.
CK	GenBank Database, Accession No. X51630, May 29, 1991.
CL	Geneseq Database, Accession No. AAT45130, August 20, 1997.
CM	Geneseq Database, Accession No. AAT45131, August 20, 1997.
CN	Geneseq Database, Accession No. AAT45132, August 20, 1997.

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DA						

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				YES	NO
DB					

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

DC	Geneseq Database, Accession No. AAT45133, August 20, 1997.
DD	Geneseq Database, Accession No. AAT45134, August 20, 1997.
DE	Geneseq Database, Accession No. AAT45135, August 20, 1997.
DF	Geneseq Database, Accession No. AAT45136, August 20, 1997.
DG	Geneseq Database, Accession No. AAT45137, August 20, 1997.
DH	Geneseq Database, Accession No. AAT45138, August 20, 1997.
DI	Geneseq Database, Accession No. AAT45139, August 20, 1997.
DJ	Geneseq Database, Accession No. AAT45140, August 20, 1997.
DK	Geneseq Database, Accession No. AAT45141, August 20, 1997.
DL	Geneseq Database, Accession No. AAT45142, August 20, 1997.
DM	Geneseq Database, Accession No. AAT97855, March 9, 1998.
DN	Geneseq Database, Accession No. AAT97856, March 9, 1998.

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EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
EA						

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
EB					

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

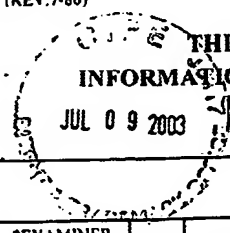
EC	Geneseq Database, Accession No. AAT97857, March 9, 1998.
ED	Geneseq Database, Accession No. AAT97858, March 9, 1998.
EE	Geneseq Database, Accession No. AAT97859, March 9, 1998.
EF	Geneseq Database, Accession No. AAT97860, March 9, 1998.
EG	Geneseq Database, Accession No. AAT97861, March 9, 1998.
EH	Geneseq Database, Accession No. AAT97862, March 9, 1998.
EI	Geneseq Database, Accession No. AAT97863, March 9, 1998.
EJ	Geneseq Database, Accession No. AAT97864, March 9, 1998.
EK	Geneseq Database, Accession No. AAT97865, March 9, 1998.
EL	Geneseq Database, Accession No. AAT97866, March 9, 1998.
EM	Geneseq Database, Accession No. AAT97867, March 9, 1998.
EN	Geneseq Database, Accession No. AAT97868, March 9, 1998.

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				APPLICANTS Alexander Gaiger et al.			
				FILING DATE March 25, 1999		GROUP ART UNIT 1644	
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	FA						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	FB						
<b>OTHER PRIOR ART</b> (Including Author, Title, Date, Pertinent Pages, Etc.)							
	FC	Geneseq Database, Accession No. AAX15839, May 11, 1999.					
	FD	Geneseq Database, Accession No. AAX15840, May 11, 1999.					
	FE	Geneseq Database, Accession No. AAX15841, May 11, 1999.					
	FF	Geneseq Database, Accession No. AAX15842, May 11, 1999.					
	FG	Geneseq Database, Accession No. AAX15843, May 11, 1999.					
	FH	Geneseq Database, Accession No. AAX15844, May 11, 1999.					
	FI	Geneseq Database, Accession No. AAX15845, May 11, 1999.					
	FJ	Geneseq Database, Accession No. AAX15846, May 11, 1999.					
	FK	Geneseq Database, Accession No. AAX15847, May 11, 1999.					
	FL	Geneseq Database, Accession No. AAX15848, May 11, 1999.					
	FM	Geneseq Database, Accession No. AAX15849, May 11, 1999.					
	FN	Geneseq Database, Accession No. AAX15850, May 11, 1999.					
EXAMINER				DATE CONSIDERED			
<p>* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).</p>							

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GA						

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
GB					

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

GC	Geneseq Database, Accession No. AAX15851, May 11, 1999.
GD	Geneseq Database, Accession No. AAX15852, May 11, 1999.
GE	Geneseq Database, Accession No. AAX15853, May 11, 1999.
GF	Geneseq Database, Accession No. AAX15854, May 11, 1999.
GG	Geneseq Database, Accession No. AAX15855, May 11, 1999.
GH	Geneseq Database, Accession No. AAX23927, June 25, 1999.
GI	Geneseq Database, Accession No. AAX23928, June 25, 1999.
GJ	Geneseq Database, Accession No. AAX23929, June 25, 1999.
GK	Geneseq Database, Accession No. AAX23930, June 25, 1999.
GL	Geneseq Database, Accession No. AAX23931, June 25, 1999.
GM	Geneseq Database, Accession No. AAX34315, July 6, 1999.
GN	Geneseq Database, Accession No. AAX34316, July 6, 1999.

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HA						
<b>FOREIGN PATENT DOCUMENTS</b>						
	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
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<b>OTHER PRIOR ART</b> <small>(Including Author, Title, Date, Pertinent Pages, Etc.)</small>						
HC	Geneseq Database, Accession No. AAX34317, July 6, 1999.					
HD	Geneseq Database, Accession No. AAX34318, July 6, 1999.					
HE	Geneseq Database, Accession No. AAX34319, July 6, 1999.					
HF	Geneseq Database, Accession No. AAX34320, July 6, 1999.					
HG	Geneseq Database, Accession No. AAX34321, July 6, 1999.					
HH	Geneseq Database, Accession No. AAY80196, May 24, 2000.					
HI	Geneseq Database, Accession No. AAY80197, May 24, 2000.					
HJ	Geneseq Database, Accession No. AAY80198, May 24, 2000.					
HK	Geneseq Database, Accession No. AAY80199, May 24, 2000.					
HL	Geneseq Database, Accession No. AAY80200, May 24, 2000.					
HM	Geneseq Database, Accession No. AAY80201, May 24, 2000.					
HN	Geneseq Database, Accession No. AAY80202, May 24, 2000.					
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IA						

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
IB					

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

IC	Genseq Database, Accession No. AAY80203, May 24, 2000.
ID	Genseq Database, Accession No. ABP42234, August 22, 2002.
IE	
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